

Claims

1. Watercraft (1), comprising a hull (2), at least one motor (12) attached in or on the hull, and a propeller (4) driven by a motor through a transmission (3), characterized in that at least one component of the underwater transmission (3) and the propeller (4) are laterally pivotable by pivoting means (14, 16, 23, 24, 30) relative to the watercraft (1).
2. Watercraft according to Claim 1, characterized in that the propeller (4) is manually or automatically pivotable into positions selected at will.
3. Watercraft according to Claims 1 or 2, characterized in that the propeller (4) is pivotable into positions selected at will, and that the propulsive function of the propeller (4) is ensured in at least two laterally pivotable positions.
4. Watercraft according to one of the foregoing claims, characterized in that the propeller (4) is able to operate in a fully-immersed state, partially immersed state, or as a jet drive.
5. Watercraft according to one of the foregoing claims, characterized in that a water intake (6) for the propeller (4) is located in the hull (29) in a state which is pivoted relative to that of normal operation.

6. Watercraft according to Claim 5, characterized in that the water intake (6) is an open and / or closed channel.
7. Watercraft according to one of Claims 5 or 6, characterized in that a water intake opening (7) of the water intake (6) is located laterally on the side and/or in the bottom region of the watercraft.
8. Watercraft according to one of Claims 5 through 7, characterized in that the water intake, and thus the water intake opening (7), is closable by a flap valve (9), and that the water flow supplied to the propeller (4) is controllable by the flap valve (9).
9. Watercraft according to Claim 8, characterized in that the pivoted propeller (4) interacting with the water intake (6) and the flap valve (9) forms a lateral / transverse thruster.
10. Watercraft according to one of the foregoing claims, characterized in that the pivoting means (14, 16, 23, 24, 30) are composed of a pivoting component (14) in the case of motors (12) with a horizontally oriented crankshaft, and of a pivoting component and a right-angle drive (16) that is flange-mounted between pivoting component and motor (12) in the case of motors (12) with a vertically oriented crankshaft.

11. Watercraft according to Claim 10, characterized in that the pivoting component (14, 16) comprises: a bearing and pivot seating component (23) connected, possibly through additional elements, to the motor; a swivel component (24) rotatable about the bearing and pivot seating component (23), the propeller (4) being effectively linked to the swivel component (24); and means (30) to rotate the swivel component (24).
12. Watercraft according to one of the foregoing claims, characterized in that the lateral swivel motion of the propeller (4) is effected by steering movement on the steering wheel (34) of the watercraft.
13. Watercraft according to one of the foregoing claims, characterized in that the lateral swivel motion of the propeller (4) is triggered by the measurement signal from a depth gauge (35).
14. Watercraft according to one of the foregoing claims, characterized in that in response to a lateral swivel motion by the propeller (4) the speed of the motor (12) is adjustable to the prevailing situation.
15. Watercraft according to one of the foregoing claims, characterized in that a swivel motion by a pivotable fin (37) is effectively linked to the lateral swivel motion of the propeller (4) so as to protect the propeller (4).
16. Watercraft according to one of the foregoing claims, characterized in that the underwater transmission (3), and thus the propeller, are also longitudinally pivotable.

17. Watercraft according to one of the foregoing claims, characterized in that hydraulic or electric lines are routed within the underwater transmission (3).
18. Watercraft according to Claim 17, characterized in that a hydraulic motor or electric motor provides the propulsion for the propeller.
19. Watercraft according to one of the foregoing claims, characterized in that the motor (12), in particular in the case of outboard motors, is laterally pivotable together with the propeller (4).